

LIST OF ORTHOPTEROUS INSECTS RECORDED FROM WESTERN AUSTRALIA.

By

W. B. ALEXANDER, M.A., Keeper of Biology, W.A. Museum.

(Read 13th June, 1916.)

This list contains references to the literature on the group available in Perth, including also species in the collection of the Western Australian Museum, not previously recorded from the State.

* Indicates one or more specimens in the collection of the W.A. Museum.

** Indicates type in the W.A. Museum.

S.W. refers to all that portion of Western Australia south of 25 degrees S. lat.

N.W. to that portion of Western Australia between 19 degrees and 25 degrees S. lat.

K. to the Kimberley division, the portion of Western Australia north of 19 degrees S. lat.

The distribution outside the State as far as ascertained is added in brackets.

S.A.—South Australia, Vict.—Victoria, Tas.—Tasmania,
N.S.W.—New South Wales, Q.—Queensland, N.T.—Northern Territory, C.A.—Central Australia, N.G.—New Guinea, N.Z.—New Zealand.

DERMAPTERA (Earwigs).

General Literature:—de Bormans, Tierreich, Lief. II., Forficulidae (1900); Kirby, Synonymic Catalogue of Orthoptera, vol. I. (1904); Burr, Fauna Sudwest-Australiens, Bd. II., Lief. 5, Dermaptera (1908); Burr, Genera Insectorum, Fase. 122, Dermaptera (1911).

Fam. Pygidicranidae (Burr, l.c. 1911).

*Pyge shortridgei, Burr—S.W. (Ann. Mag. Nat. Hist. (8) XIII. 1914).

Fam. Labiduridae (Burr, l.c. 1911).

**Gonolabis michaelseni*, Burr—S.W. (l.c. 1908).

**G. woodwardi*, Burr—S.W. (l.c. 1908).

**G. brunneri*, Dohrn—S.W. (S.A., Tas.), (de Bormans, 1900).

**Anisolabis occidentalis*, Kirby—S.W. (de Bormans, l.c. 1900).

**Labidura truncata*, Kirby—S.W. (Australia) (de Bormans, l.c. 1900).

ORTHOPTERA CURSORIA (Cockroaches).

General Literature.—Tepper, the Blattariae of Australia and Polynesia, Trans. R. Soc. S.A., XVII. (1893) and XVIII. (1894); Tepper, Notes on Victorian and other Blattariae, ibid XIX. (1895); Kirby, Synonymic Catalogue of Orthoptera, Vol. I. (1904); Shelford, Genera Insectorum, Fasc. 55, Blattidae (introduction) (1907); Shelford, Fauna Sudwest-Australiens, Bd. II., Lief. 9, Blattidae (1909); Shaw, Australian Blattidae, Vict. Naturalist, Vol. XXXI. (1914).

Fam. Blattidae.

Subfam. Phyllodromiinae (Shelford, Genera Insectorum, Fasc. 73, Phyllodromiinae (1908)).

Ellipsidion decoratum, Tepp.—S.W. (S.A.) (l.c. 1893).

**E. australe*, Sauss—S.W. (Australia).

**E. aurantium*, Sauss.—S.W. (Australia) (Tepper, l.c. 1894).

**Phyllodromia germanica*, Linn.—N.W., K. (Cosmopolitan) (Tepper, l.c. 1893).

P. (?) liturata, Tepp.—S.W. (Vict.) (l.c. 1895).

**Allacta spuria*, Brunn.—N.W. (Fiji) (Tepper, l.c. 1893).

**A. similis*, Sauss.—S.W. (Australia) (Tepper, l.c. 1894).

Ceratinoptera cnsifera, Shelf.—S.W. (l.c. 1909).

**Temnopteryx platysoma*, Walk.—S.W. (Shelford, l.c. 1909).

T. discalis, Walk.—W.A. (Tepper, l.c. 1893).

Paratemnopteryx australis, Sauss.—W.A. (S.A., Vict.) (Tepper, l.c. 1894).

**Escala circumducta*, Walk.—S.W. (S.A., Vict.) (Shaw, l.c. 1914).

**Loboptera (?) duodecimsignata*, Tepp.—S.W. (S.A.) (l.c. 1893).

Subfam. Epilamprinac (Shelford, Genera Insectorum, Fasc. 101, Epilamprinae, 1909).

Calolampra fraserensis, Tepp.—S.W. (S.A.) (l.c. 1893).

C. aspera, Tepp.—S.W. (S.A.) (l.c. 1893).

C. marginalis, Walk.—S.W. (Tepper, l.c. 1893).

Subfam Blattinae (Shelford, Genera Insectorum, Fasc. 109, Blattinae, 1910).

**Polyzosteria cuprea*, Sauss.—S.W. (S.A.).

**P. obscuroviridis*, Tepp.—S.W. (S.A.) (l.c. 1893).

**P. pubescens*, Tepp.—S.W. (l.c. 1893).

- ***P. arenicola*, Montague—N.W.
 **Euzosteria subverrucosa*, White—S.W. (Tepper, l.c. 1893).
E. nobilis, Brunn—S.W. (S.A.) (Tepper, l.c. 1893).
E. patula, Walk.—N.W. (N.T.) (Tepper, l.c. 1893).
 **E. mitchellii*, Angas—S.W. (S.A., Vict., N.S.W.) (Tepper, l.c. 1893).
Platyzosteria analis, Sauss.—W.A. (Vict., N.S.W., India).
 **P. armata*, Tepp.—S.W. (l.c. 1893).
P. atrata, Erichs.—W.A. (Vict., Tas., N.S.W.) (Tepper, l.c. 1893).
 **P. invisa*, Walk.—S.W. (N.S.W.) (Tepper, l.c. 1893).
P. consobrina, Sauss.—S.W.
P. ruficeps, Shelf.—S.W. (l.c. 1909).
P. rufipes, Shelf.—W.A.
P. curiosa, Shelf.—S.W. (l.c. 1909).
P. obscura, Tepp.—S.W. (S.A.) (l.c. 1893, Shelford l.c. 1909).
 **P. scabriuscula*, Tepp.—S.W. (S.A.) (l.c. 1893).
P. conjuncta, Shelf.—S.W. (l.c. 1909).
 **P. morosa*, Shelf.—S.W. (S.A.) (l.c. 1909).
 **P. inclusa*, Walk.—S.W. (Tepper, l.c. 1893).
P. albomarginata, Brunn.—S.W. (N.S.W.) (Tepper, l.c. 1893).
P. obscuripes, Tepp.—S.W. (S.A.) (l.c. 1893).
P. variegata, Shelf.—S.W. (l.c. 1909).
 **P. semivitta*, Walk.—S.W. (S.A.) (Tepper, l.c. 1893).
 **P. coolgardiensis*, Tepp.—S.W. (l.c. 1895).
P. hartmeyeri, Shelf.—S.W. (l.c. 1909).
Cutilia heydeniana, Sauss.—S.W. (Tepper, l.c. 1894).
Zonioploca medilinea, Tepp.—S.W. (S.A., Vict.) (l.c. 1893).
 **Z. pallida*, Shelf.—S.W. (l.c. 1909).
 **Z. alutacea*, Stal.—S.W. (S.A.) (Tepper, l.c. 1893 as *Platyzosteria ardrossanensis*).
 **Z. flavocincta*, Shaw.—S.W. (S.A., Vict.) (l.c. 1914).
 **Anamesia polyzona*, Walk.—S.W., N.W. (Tepper, l.c. 1893).
A. frenchii, Tepp.—N.W. (Q.) (l.c. 1893).
A. lindsayi, Tepp.—S.W. (l.c. 1893).
A. punctata, Tepp.—S.W. (S.A.) (l.c. 1893).
Desmozosteria michaelseni, Shelf.—S.W. (l.c. 1909).
D. rufescens, Shelf.—N.W. (l.c. 1909).
 **Periplaneta americana*, Linn.—S.W., N.W. (Cosmopolitan) (Tepper, l.c. 1893).
 Archiblatta (?) parva, Shelf.—N.W. (Ann. Mag. Nat. Hist. (8) I, 1908).
Subfam. Panchlorinae.
 **Oniscosoma granicollis*, Sauss.—S.W. (Vict.).
Subfam. Oxyhaloinae.
Ectoneura margarita, Tepp.—S.W. (Vict.) (l.c. 1895).
Subfam. Perisphaeriinae.
Pseudoglomeris fallax, Walk.—S.W. (Tepper, l.c. 1893).

ORTHOPTERA GRESSORIA.

Fam. Mantidae.

General Literature:—Kirby, *Synonymic Catalogue of Orthoptera*, Vol. I. (1904).

Subfam. Perlmantinac. (Giglio-Tos, *Genera Insectorum*, Fasc. 144, *Perlmantinac*, 1913).

**Paraoxypilus tasmaniensis*, Sauss.—S.W. (Australia and Tas.).

**Gyromantis kraussii*, Sauss.—S.W. (Australia).

**Phthersigena conspersa*, Stal.—N.W. (Q.).

**Cliomantis cornuta*, Gigl.-Tos.—S.W. (Q.).

Subfam. Eremiaphilinac.

**Orthodera ministralis*, Fabr.—S.W. (Australia).

O. marginata, Sauss.—S.W.

Subfam. Mantinac.

**Archimantis brunneriana*, Sauss.—N.W. (N. Australia).

**A. sobrina*, Sauss.—S.W.

**Tenodera australasiae*, Leach.—K. (Australia, Tas., N.Z., N.G., Moluccas).

**Fischeria quinquelobata*, Tepp.—S.W. (S.A., N.S.W.) (Trans. R.S.S.A. XXIX., p. 238, 1905).

Fam. Phasmidae.

General Literature:—Gray, *Entomology of Australia*, I., *Monograph of the Genus Phasma* (1833); Rainbow, *Rec. Austral. Mus.* III., *Catalogue of the Described Phasmidae of Australia* (1897); Kirby, *Synonymic Catalogue of Orthoptera*, Vol. I. (1904).

Subfam. Bacillinac.

Hyrtachus eutrachelia, Westw.—S.W.

***H. hermitensis*, Montague.—N.W. (P.Z.S. 1914 (II.), p. 648, MS. name?).

Arphax brunneus, Gray—S.W. (I.c. 1833).

Acanthoderus spinosus, Gray—S.W. (Trans. Eat. Soc. I., p. 45, 1836).

Subfam Acrophyllinac.

**Podacanthus viridiroseus*, Gray (?)—S.W. (Q.).

**Tropidoderus rhodomus*, McCoy—S.W. (Vict.) (Prodr. Zool. Vict., pl. 70).

Vasilissa walkeri, Kirby—K.

Anophlepis telesphorus, Westw.—S.W.

Acanthomima rhipheus, Westw.—S.W.

**Clemacantha regale*, Rainb.—K. (Q., N.S.W.) (I.c. 1897).

**Cyphocrania* (?) *cornuta*, Tepp.—S.W. (S.A.) (Trans. R.S.S.A. XXIX., p. 240, 1905).

ORTHOPTERA SALTATORIA.

Fam. Acrididae (Locustidinae).

General Literature:—Froggatt, Agric. Gaz. of N.S.W., Locusts and Grasshoppers, Part I., Vol. XIV., p. 1102 (1903), Part 2, Vol. XV., p. 240 (1904); Kirby, Synonymic Catalogue of Orthoptera, Locustidae, Vol. III. (1910).

Subfam. Acrydiinae (Tettiginae) (Hancock, Genera Insectorum, Fasc. 48, Tetriginae, 1906).

**Acrydium* sp.—S.W.

Subfam. Truxalinae.

**Acrida conica*, Fabr.—S.W., N.W. (Australia) (Frogg. l.c. 1904 as *Tryxalis rafflesii*).

**Psednura viatica*, Erichs.—S.W. (Australia, Tas.) (Burr, Genera Insectorum, Fasc. 15, Eumastacinae, p. 22, 1903).

**Stenobothrus propinquus*, Walk.—S.W. (Australia) (Frogg. l.c. 1903).

**Chortoicetes pusilla*, Walk.—S.W. (Australia) (Frogg. l.c. 1903).

**C. terminifera*, Walk.—S.W. (Australia) (Frogg. l.c. 1903).

Subfam. Locustinac.

**Gastrimargus musicus*, Fabr.—S.W. (Australia) (Frogg. l.c. 1903 as *Locusta danica*).

Urnissa erythrocnemis, Stal.—S.W. (Australia).

Subfam Pyrgomorphinae (Bolivar, Genera Insectorum, Fasc.

Subfam Pyrgomorphinac (Bolivar, Genera Insectorum, Fasc. 90, Pyrgomorphinae, 1909).

Monistria pustulifera, Walk.—W.A. (N. Australia).

Subfam. Cyrtacanthacrinac.

**Coryphistes cyanopterus*, Charp.—S.W., N.W. (Australia) (Frogg. l.c. 1904).

**C. cyanopteroides*, Tcipp.—S.W. (S.A.) (Trans. R.S.S.A. XVIII., p. 164, 1904).

**C. nigroconspersus*, Tcipp.—S.W. (S.A.) (l.c. p. 166, 1904).

**Goniaea australasiae*, Leach.—S.W. (S.A., Vict., Tas. N.S.W.) (Frogg. l.c. 1904).

**G. flava*, Tepp.—S.W., N.W. (C.A.) (Horn Expn. Vol. II., p. 368, 1896).

**Stropis maculosa*, Stal.—S.W., N.W. (Australia) (Frogg. l.c. 1904).

**S. brunnea*, White.—S.W. (Grey's Journ. Expn. Australia, Vol. II., p. 470, 1841).

**Cirphula pyrrhocnemis*, Stal.—S.W. (Australia) (Frogg. l.c. 1903).

**C. carbonaria*, Scrv.—S.W. (Australia).

Apotropis subpustulata, Walk.—W.A.

**Trigonizella hesperina*, Tepp.—S.W., N.W. (S.A.) (MS. name in S.A. Museum).

Exarna lutescens, Walk.—S.W.

E. australis, Walk.—S.W. (N.S.W.) (Frogg. l.c. 1904).

**Cyrtacanthacris maculicollis*, Walk.—N.W. (Australia) (Frogg. l.c. 1903).

**C. guttulosa*, Walk.—N.W. (Australia).

**Echphantus quadrilobus*, Stal.—S.W. (N. Australia, Q., N.S.W.) (Frogg. l.c. 1904).

Fam. Phasgonuridae (Locustidae).

General Literature:—Froggatt, Agric. Gaz. of N.S.W., Locusts and Grasshoppers, Part 2, Vol. XV., p. 240 (1904), Part 3, Vol. XVI., p. 477 (1905); Kirby, Synonymic Catalogue of Orthoptera, Vol. II. (1906); Caudell, Genera Insectorum, Fasc. 120, Locustidae—introduction (1913).

Subfam. Gryllacrinae. (Tepper, Gryllacridae and Stenopelmatidae of Australia, Trans. R.S.S.A. XV., p. 137, 1892).

**Gryllacris magnifica*, Brunn.—S.W., N.W. (S.A., N.S.W.) (Tepp. l.c. 1892).

**G. atrogeniculata*, Tepp.—S.W. (S.A.) (l.c. 1892).

**G. marmoriceps*, Tepp.—S.W. (S.A.) (l.c. 1892).

**G. nigrifrons*, Tepp.—S.W. (S.A.) (l.c. 1892).

**G. paulula*, Tepp.—S.W. (S.A.) (l.c. 1892).

**Paragryllacris marginalis*, Walk.—K. (S.A.) (Tepper, l.c. 1892 as *P. infuscata*).

P. minuscula, Walk.—S.W.

Neanias lepidus, Walk.—W.A.

Eremus camerani, Griff.—W.A.

Apotrechus guttifrons, Walk.—S.W.

Ametrosomus helmsi, Tepp.—S.W. (S.A.) (l.c. 1892).

Subfam. Decticinae. (Caudell, Genera Insectorum, Fasc. 72, Decticinae, 1908).

Chlorobalius (?) australis, Walk.—S.W.

Requena verticalis, Walk.—S.W.

Subfam. Saginac.

**Terpandrus horridus*, Burm.—S.W. (S.A., Vict., N.S.W.) (McCoy, Prodr. Zool. Vict., pl. 109, 1885, and Frogg, l.c. 1904, as *Locusta vigentissima*).

Hemisaga denticulata, White.—S.W. (Australia) (Grey's Journ. Expn. Australia, Vol. II., 1841).

H. lutea, Walk.—S.W. (Australia).

Subfam. Tympanophorinae. (Caudell, Genera Insectorum, Fasc. 138, Tympanophorinae, 1913).

**Tympanophora pellucida*, White.—S.W. (Grey's Journ. Expn. Australia, Vol. II., 1841).

Subfam. Copiphorinae (Conocephalinac), (Karny, Genera Insectorum, Fasc. 139, Copiphorinae, 1913).

**Mygalopsis pauperculus*, Walk.—S.W.

Subfam. Agracciinae. (Karny, Genera Insectorum, Fasc. 141, Agracciinae, 1913).

Psacadonotus seriatus, Redt.—W.A.

P. irregularis, Redt.—W.A.

Subfam. Phasmodinae (Prochilinae). (Caudell, Genera Insectorum, Fasc. 138, Phasmodinae, 1913).

**Phasmodes ranatiformis*, Westw.—S.W.

Subfam. Phaneropterinae (Tepper, Phaneropteridae of Australia, Trans. R.S.S.A. Vol. XV., p. 77, 1892).

Ephippityoidea sparsa, Tepp.—K. (l.c. 1892).

**Alectoria superba*, Brunn.—S.W. (S.A., N.S.W., Q.) (Frogg. l.c. 1904).

**Caedicia longipennis*, Brunn.—K. (Q., N.S.W.) (Tepp. l.c. 1892).

**C. longipennioides*, Tepp.—S.W. (S.A., N.S.W.) (l.c. 1892).

C. extenuata, Walk.—S.W.

C. inermis, Brunn.—W.A. (N.A.).

Torbia elderi, Tepp.—S.W. (l.c. 1892).

Symmachis glaucescens, Walk.—S.W. (Australia) (Tepp. l.c. 1892).

Tinzea fraserensis, Tepp.—S.W.

**Elephantodeta pinguis*, Walk.—S.W. (S.A.).

Fam. Achetidae (Gryllidae).

General Literature:—Froggatt, Locusts and Grasshoppers, Agric. Gaz. N.S.W. Vol. XVI., p. 477, 1905).

Subfam. Curtillinae (Gryllotalpinae).

**Curtilla coarctata*, Walk.—N.W. (N.T., S.A., N.S.W.) (Frogg. l.c. 1905).

**Cylindracheta kochii*, Sauss.—S.W. (S.A.).

Subfam. Gryllinae.

Nemobius bivittatus, Walk.—S.W.

**Gryllus commodus*, Walk.—S.W. (Australia, N.Z., N. Caledonia) (Frogg. l.c. 1905 as *Gryllus servillei*).

Gryllodes sigillatus, Walk.—S.W. (Australia, Hawaii, Mexico, S. America, W. Indies, Mauritius, India).

G. flavigaster, Sauss.—W.A.

Subfam. Myrmecophilinae.

**Myrmecophila australis*, Tepp.—S.W. (S.A.) (Trans. R.S.S.A. Vol. XX., p. 149, 1896).

Subfam. Enroptericinae.

Eurepa marginipennis, White.—S.W. (Grey's Journ. Expl. Australia, Vol. II., p. 467, 1841).

**E. longicauda*, Sauss.—S.W., N.W.

The foregoing list contains the names of 151 species. Of these 86 are represented in the W.A. Museum collection. In addition the collection contains examples of 60 unidentified species, the majority of which are certainly not included in the list, though they may have been described from "Australia" with no further particulars.